

# ILYAS IBRAGIMOV

+1 (347) 973-9187

ilyas.ibragimov@outlook.com

ilyasi.com

## EDUCATION

---

### University College London (UCL)

MEng Electronic and Electrical Engineering

Minor in Intelligent Systems

GPA: 4.0/4.0 (US equivalent to first class honours)

4th Year Dissertation: Network Packet Routing With Deep Reinforcement Learning (In Progress)

3rd Year Dissertation: Deep Learning Applications with LSTM Networks in Cryptocurrency Trading

*London, 2015-2019*

*Expected: First Class Honours*

### Brooklyn Technical High School

GPA: 4.0/4.0

*New York City, 2011-2015*

## EXPERIENCE

---

### Fidessa (ION Group)

Platform Development Intern

*July 2018 - September 2018*

*Woking, UK*

- Designed and developed a client-facing secure file delivery system with JavaScript, jQuery, HTML/CSS, Java and TCL to replace non-secure manual data delivery methods.
- Fulfilled change requests for back-end Java code and configuration of existing systems at Fidessa.
- Gained an insight into the financial technology industry through several talks and courses.
- Participated in numerous intern activities focused on developing professional and soft skills, including delivering presentations with a team.

### Centre for Modelling and Analysis of Big Data in Finance and Economics

Research Associate

*June 2017 - June 2018*

*Innopolis University*

- Developed tools with Matlab for statistical analysis incorporating inference methods proposed by the research group.
- Developed, deployed, and maintained a dynamic website for the centre with Python web-framework Django and HTML/CSS/JavaScript. (*robustness.ru*)
- Performed regular editing and translation of the group's research papers.

### UCL's How to Change the World Programme

Team Member

*June 2017*

*University College London*

- Worked in an interdisciplinary team to find an innovative application of smart technologies that would improve sustainable consumption and production patterns in the construction industry.
- Presented the ideas developed by the team to a panel of industry partners from the Ellen MacArthur Foundation, Alliance for Sustainable Building Products (ASBP), and Building Research Establishment (BRE).

## PROJECTS

---

- Statsify - Displays a user's top Spotify artists and tracks as a mosaic (Flask web-framework and Spotify API)
- Electromyogram Signal Sensor for Measuring Muscle Activity (C and MSP430 microcontroller)
- Instrumentation System for Coffee Making (C and MSP430 microcontroller)

## SKILLS

---

### Computer Languages

Python, Java, HTML/CSS, JavaScript (jQuery), C, C++, TCL, SystemVerilog, Matlab, MIPS Assembly

### Other

Git, Perforce, Keras, TensorFlow, Django, Flask, NS3, Linux (Red Hat and Debian)

### Spoken Languages

English (Native), Russian (Native)